

CLAIMS

1. (original) Staple for the suture of a sternum, including a central body (1) having at least two threaded parts (2, 2') with opposite threads and at least two teeth (3, 3'), each having a threaded end (4, 4') able to engage one of the threaded parts of the central body.
2. (currently amended) Staple as in claim 1 ~~in which~~wherein said central body is a hollow cylinder and the two opposite threads are internal threads situated at the two ends of the central body.
3. (currently amended) Staple as in ~~any previous claim 1 in which~~wherein each tooth has one leg (5, 5'), having an axis forming a right or acute angle with the threaded end (4, 4').
4. (currently amended) Staple as in claim 3 ~~in which~~wherein said angle is between 70° and 85°.
5. (currently amended) Staple as in claim 3 ~~or 4 in which~~wherein the edges of the tip (7) of each leg are rounded.
6. (currently amended) Staple as in ~~any previous claim 1~~ made of biocompatible and diamagnetic material.
7. (currently amended) Staple as in ~~any previous claim 1 in which~~wherein the external surface (9) of the central body is knurled.
8. (currently amended) Staple according to ~~any claim from 3 to 7 in which~~wherein the legs of the teeth have a length of between 10 and 20 mm.
9. (original) Punch cutter forceps able to pierce a sternum, including a first jaw (20) having a punching tip (15) having an axis (24), a second jaw (16), means (17, 18) able to move the tip, according to a rectilinear trajectory, closer to the second jaw, a portion (21) of surface of the second jaw forming an acute angle with the axis of the punching tip.
10. (currently amended) Forceps as in claim 9 ~~in which~~wherein said angle is between 70° and 85°.
11. (currently amended) Forceps as in claim 9 or 10 ~~in which~~wherein on the second jaw (16) there is a protuberance (23) facing the first jaw.
12. (currently amended) Surgical kit including:
--one or more staples for the suture of a sternum, said staples including a central body (1) having at least two threaded parts (2, 2') with opposite threads and at least two teeth (3, 3'), each having a threaded end (4, 4') able to engage one of the threaded parts of the central

body according to any claim from 1 to 7; and and

-an apparatus equipped with clutch able to rotate the cylindrical body of a staple whose teeth are held in holes made in a bone, up to a preset tension of the staple.

5 13. (original) Surgical kit as in claim 12 including one or more punch cutter forceps able to make holes, in a sternum, of diameter suitable for one or more staples included in the kit.

14. (currently amended) Surgical kit as in claim 13 including one or more punch cutter forceps, said forceps including a first jaw (20) having a punching tip (15) having an axis (24), a second jaw (16), means (17, 18) able to move the tip, according to a rectilinear trajectory, closer to the second jaw, a portion (21) of surface of the second jaw forming an
 10 acute angle with the axis of the punching tip according to any claim from 9 to 11.